



Dkt. 0575/66602-B/JPW/BJA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Silviu Itescu  
U.S. Serial No. : 10/693,480  
Filed : October 23, 2003  
For : REGENERATION OF ENDOGENOUS MYOCARDIAL  
TISSUE

1185 Ave of the Americas  
New York, New York 10036  
March 31, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA, 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT

In accordance with their duty of disclosure under 37 C.F.R. §1.56, applicant directs the Examiner's attention to the following references which are listed on the attached Form PTO-1449 (**Exhibit A**). Reference 13 is attached hereto as **Exhibit 1**:

- 1) U.S. Application Publication No. US20030054973, Piero, March 20, 2003;
- 2) U.S. Application Publication No. US20020107195, Gupta, August 8, 2002;
- 3) PCT International Publication No. WO0236078, Bryon, October 5, 2002;
- 4) PCT International Publication No. WO03047616, Orit et al., July 12, 2003.
- 5) Kajstura, Jan. et al. (1998) Myocyte proliferation in end-

stage cardiac failure in humans, *Proc. Natl. Acad. Sci. USA* 95: 8801-8805;

- 6) Kalka, Christoph et al. (2000) Transplantation of ex vivo expanded endothelial progenitor cells for therapeutic neovascularization, *PNAS* 97: 3422-3427;
- 7) Kocher, A.A. et al. (2001) Neovascularization of ischemic myocardium by human bone-marrow-derived angioblasts prevents cardiomyocyte apoptosis, reduces remodeling and improves cardiac function, *Nature Medicine* 7: 430-436;
- 8) Beltrami, Antonio P. et al. (2001) Evidence That Human Cardiac Myocytes Divide after Myocardial Infarction, *The New England Journal of Medicine* 344: 1750-1757;
- 9) Asahara, Takayuki et al. (1999) VEGF contributes to postnatal neovascularization by mobilizing bone marrow-derived endothelial progenitor cells, *The EMBO Journal* 18: 3964-3972;
- 10) Kawamoto, Atsuhiko et al. (2001) Therapeutic Potential of Ex Vivo Expanded Endothelial Progenitor Cells for Myocardial Ischemia, *Circulation* 103: 634-637;
- 11) Murohara, Toyooki et al. (2000) Transplanted cord blood-derived endothelial precursor cells augment postnatal neovascularization, *The Journal of Clinical Investigation* 105: 1527-1536;
- 12) Callard, Robin E. et al. (1994) *The Cytokine FactsBook*, Academic Press; and

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- 13) U.S. Application Publication No. 2003/0199464 A1, Itescu,  
published October 23, 2003. (Exhibit 1)

References 1-12 were previously cited in connection with the prosecution of U.S. Serial Number 10/128,738, from which the subject application claims benefit under 35 U.S.C. §120. According to 37 C.F.R. §1.98(d), copies of patents or publications that were previously cited by, or submitted to, the Office in connection with such prior applications need not accompany the Information Disclosure Statement. Accordingly, copies of the references 1-12 are not attached to this Information Disclosure Statement.

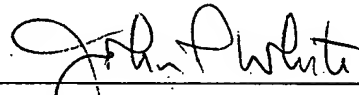
Applicant requests that the Examiner review the publications and make them of record in the subject application. Applicant is submitting this Information Disclosure Statement under 37 C.F.R. §1.97(b).

If a telephone interview would be of assistance in advancing prosecution of the subject application, applicant's undersigned attorney invites the Examiner to telephone him at the number provided below.

Applicant : Silviu Itescu  
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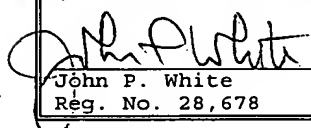
No fee is deemed necessary in connection with the filing of this Information Disclosure Statement. However, if any additional fee is required, authorization is hereby given to charge the amount of such fee to Deposit Account No. 03-3125.

Respectfully submitted,



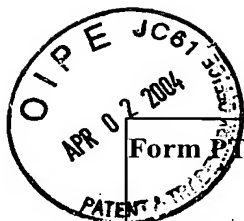
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I hereby certify that this correspondence is being deposited this date with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to:  
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John P. White  
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3/31/04  
Date



Form PTO-1449

U.S. Department of Commerce  
Patent and Trademark OfficeAtty. Docket No.  
0575/66602-B  
/JPW/BJASerial No.  
10/693,480INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)Applicant:  
Silviu ItescuFiling Date:  
October 23, 2003

Group Art Unit

## U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	WO 0 2 3 6 0 7 8	10/5/02	PCT				
	WO 030 4 7 6 1 6	7/12/03	PCT				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	U.S. Application Publication No. US20030054973, Piero, March 20, 2003
	U.S. Application Publication No. US20020107195, Gupta, August 8, 2002
	Kajstura, Jan. et al. (1998) Myocyte proliferation in end-stage cardiac failure in humans, <i>Proc. Natl. Acad. Sci. USA</i> 95: 8801-8805
	Kalka, Christoph et al. (2000) Transplantation of ex vivo expanded endothelial progenitor cells for therapeutic neovascularization, <i>PNAS</i> 97: 3422-3427
	Kocher, A.A. et al. (2001) Neovascularization of ischemic myocardium by human bone-marrow-derived angioblasts prevents cardiomyocyte apoptosis, reduces remodeling and improves cardiac function, <i>Nature Medicine</i> 7: 430-436
	Beltrami, Antonio P. et al. (2001) Evidence That Human Cardiac Myocytes Divide after Myocardial Infarction, <i>The New England Journal of Medicine</i> 344: 1750-1757
	Asahara, Takayuki et al. (1999) VEGF contributes to postnatal neovascularization by mobilizing bone marrow-derived endothelial progenitor cells, <i>EMBO Journal</i> 18: 3964-3972
	Kawamoto, Atsuhiko et al. (2001) Therapeutic Potential of Ex Vivo Expanded Endothelial Progenitor Cells for Myocardial Ischemia, <i>Circulation</i> 103: 634-637
	Murohara, Toyooki et al. (2000) Transplanted cord blood-derived endothelial precursor cells augment postnatal neovascularization, <i>The Journal of Clinical Investigation</i> 105: 1527-1536
	Callard, Robin E. et al. (1994) <i>The Cytokine FactsBook</i> , Academic Press
	U.S. 2003/0199464 A1, Itescu, published October 23, 2003.

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609: Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.